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**To: Examiner: Parviz Hassanzadeh
Group Art Unit: 1763
Confirmation No.: 1482**

From: John S. Sensny, Esq.

MAR 17 2005

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Pages: 7 (Including fax cover sheet)

Phone:

Date: March 17, 2005

**Re: Applicants: Casimer M. DeCusatis, et al.
Serial No.: 09/976,545
Filed: October 12, 2001
For: "REAL-TIME PROCESS CONTROL
FOR OPTICAL COMPONENT FABRICATION
USING WAVELENGTH LOCKED LOOPS"
Docket: FIS920010130US1 (14563)
JSS:jy**

CC

**RESPONSE TO EXAMINER'S STATEMENT OF
REASONS FOR ALLOWANCE**

TRANSMITTED HERewith:

1. General Transmittal Letter (in duplicate);
2. Response to Examiner's Statement of Reasons for Allowance;
3. Certificate of Transmission of Facsimile, dated March 17, 2005.


FOR:

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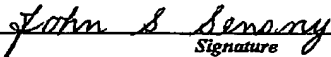
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CERTIFICATE OF TRANSMISSION BY FACSIMILE (37 CFR 1.8)			Docket No.
Applicant(s): Casimer M. DeCusatis, et al.			FIS920010130US1 (14563)
Application No. 09/976,545	Filing Date October 12, 2001	Examiner Parviz Hassanzadeh	Group Art Unit 1763
Invention: REAL-TIME PROCESS CONTROL FOR OPTICAL COMPONENT FABRICATION USING WAVELENGTH LOCKED LOOPS			
<p>I hereby certify that this <u>RESPONSE TO EXAMINER'S STATEMENT OF REASONS FOR ALLOWANCE</u> (Identify type of correspondence) is being facsimile transmitted to the United States Patent and Trademark Office (Fax. No. <u>(703) 872-9306</u>) on <u>March 17, 2005</u> (Date)</p> <p style="text-align: right;"><u>John S. Sensny</u> (Typed or Printed Name of Person Signing Certificate) <u></u> (Signature)</p> <p style="text-align: center;">Note: Each paper must have its own certificate of mailing.</p>			

P18/REV02

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TRANSMITTAL LETTER (General - Patent Pending)				Docket No. FIS920010130US1 (14563)					
In Re Application Of: Casimer M. DeCusatis, et al.									
Application No. 09/976,545	Filing Date October 12, 2001	Examiner Parviz Hassanzadeh	Customer No. 23389	Group Art Unit 1763	Confirmation No. 1482				
Title: REAL-TIME PROCESS CONTROL FOR OPTICAL COMPONENT FABRICATION USING WAVELENGTH									
<u>COMMISSIONER FOR PATENTS:</u>									
Transmitted herewith is: RESPONSE TO EXAMINER'S STATEMENT OF REASONS FOR ALLOWANCE									
in the above identified application.									
<input checked="" type="checkbox"/> No additional fee is required.									
<input type="checkbox"/> A check in the amount of _____ is attached.									
<input checked="" type="checkbox"/> The Director is hereby authorized to charge and credit Deposit Account No. 09-0458/IBM as described below.									
<input type="checkbox"/> Charge the amount of _____									
<input checked="" type="checkbox"/> Credit any overpayment.									
<input checked="" type="checkbox"/> Charge any additional fee required.									
<input type="checkbox"/> Payment by credit card. Form PTO-2038 is attached.									
WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.									
<div style="text-align: center;"> _____ Signature</div> <p>John S. Sensny Registration No. 28,757</p> <p>Scully, Scott, Murphy & Presser 400 Garden City Plaza Garden City, New York 11530 (516) 742-4343</p> <p>cc: JSS:jy</p>			<p style="text-align: right;">Dated: March 17, 2005</p> <table border="1" style="width: 100%; border-collapse: collapse;"><tr><td style="padding: 5px;">I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to the "Commissioner for Patents, P.O. Box 1480, Alexandria, VA 22313-1450" [37 CFR 4.8(a)] on _____</td></tr><tr><td style="padding: 5px;">(Date)</td></tr><tr><td style="padding: 5px;">_____ Signature of Person Mailing Correspondence</td></tr><tr><td style="padding: 5px;">_____ Typed or Printed Name of Person Mailing Correspondence</td></tr></table>			I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to the "Commissioner for Patents, P.O. Box 1480, Alexandria, VA 22313-1450" [37 CFR 4.8(a)] on _____	(Date)	_____ Signature of Person Mailing Correspondence	_____ Typed or Printed Name of Person Mailing Correspondence
I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to the "Commissioner for Patents, P.O. Box 1480, Alexandria, VA 22313-1450" [37 CFR 4.8(a)] on _____									
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P16A/REV03

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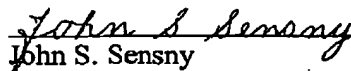
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**RECEIVED
CENTRAL FAX CENTER****MAR 17 2005****Applicants:** Casimer M. DeCusatis, et al.**Examiner:** Parviz Hassanzadeh**Serial No.:** 09/976,545**Group Art Unit:** 1763**Filed:** October 12, 2001**Docket:** FIS920010130US1 (14563)**For:** REAL-TIME PROCESS CONTROL
FOR OPTICAL COMPONENT FABRICATION
USING WAVELENGTH LOCKED LOOPS**Dated:** March 17, 2005**Confirmation No.:** 1482Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450**RESPONSE TO EXAMINER'S STATEMENT OF REASONS FOR ALLOWANCE**

Sir:

In an Examiner's statement of reasons for allowance, which was attached to the Notice of Allowance, the Examiner read the limitation "an optical signal generated by a dither source" into independent Claim 11.

CERTIFICATION OF FACSIMILE TRANSMISSION

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Dated: March 17, 2005
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It is important to emphasize that, as described in Claim 11, the optical signal is not generated by the dither source. Instead, the optical signal is generated by "a light subsystem."

Applicants' Attorneys have carefully reviewed Claim 11 and the prior art, and the Examiner's apparent misquoting of Claim 11 does not affect the allowability of the claim.

If the Examiner has any questions about this matter, the Examiner is asked to telephone the undersigned.

Respectfully submitted,

John S. Sensny
John S. Sensny
Registration No. 28,757
Attorney for Applicants

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